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ICC8

8th International Congress on Ceramics

August 23-27, 2020
BEXCO, Busan, Korea

International Ceramic Federation

THE KOREAN CERAMIC SOCIETY

ICC8

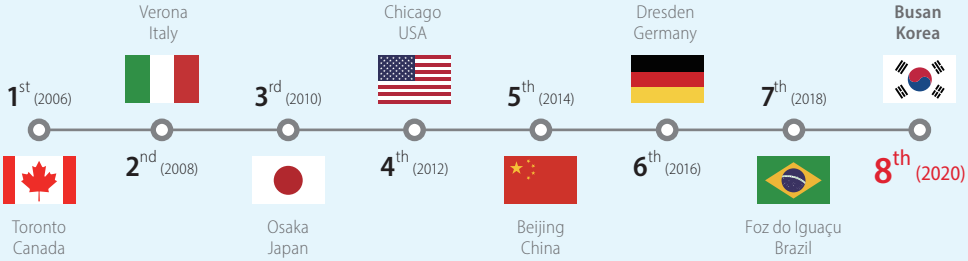
> Let me take wonderful opportunity to welcome all our local and foreign delegates to the 8th International Congress on Ceramics (ICC8) dated August 23-27, 2020.

ICC is a unique international ceramic conference in that it is held every two years in three different continents consecutively. The purpose of this conference is to share ideas and visions of the future for ceramic and glass materials and to provide a platform for the researchers in academia and practitioners in industry to present the latest research and technology progress in the field.

ICC8 will be ready to welcome you with an exciting and meaningful program for both intellectual and social exchanges. We truly believe it will be a highly rewarding opportunity to explore the future directions of ceramics and their industry as well as to develop networks and friendships.

We cordially invite you to be a part of ICC8 and look forward to meeting you in Busan in 2020!

Suk-Joong L. Kang
Conference Chairman of ICC8



Dec. 31 2019
Abstract Submission

Jan. 31 2020
Acceptance Notification

Mar. 31 2020
Early Registration

Symposia

I. SIMULATION AND CHARACTERIZATION

Sym 1 Ceramics Modeling, Genome and Informatics
Jingyang Wang | Institute of Metal Research, Chinese Academy of Sciences, China

Sym 2 Surface, Grain Boundaries, and Interface Phenomena in Ceramics
Sung-Yoon Chung | Korea Advanced Institute of Science and Technology, Korea

Sym 3 Imaging of Emerging Phenomena in Electroceramics
Yunseok Kim | Sungkyunkwan University, Korea

II. INNOVATIVE PROCESSING AND MANUFACTURING

Sym 4 Novel, Green, and Strategic Processing and Manufacturing Technologies
Chang-Jun Bae | Korea Institute of Materials Science, Korea

Sym 5 Polymer Derived Ceramics and Composites
Ralf Riedel | Technische Universität Darmstadt, Germany

Sym 6 Additive Manufacturing of Ceramics and Associated Hybrid Printing Technologies
Paolo Colombo | University of Padova, Italy

Sym 7 Advanced Powder Processing and Manufacturing Technologies
Makio Naito | Osaka University, Japan

Sym 8 Sintering and Related Phenomena and Processing of Materials using SPS
Eugene A. Olevsky | San Diego State University, USA

Sym 9 Porous Ceramics – Characterization, Developments and Applications
Tobias Fey | University of Erlangen-Nuremberg, Germany

Sym 10 Advanced Materials and Innovative Processing Ideas for Production Root Technologies
Sungwook Mhin | Korea Institute of Industrial Technology, Korea

III. STRUCTURAL CERAMICS

Sym 11 Engineering Ceramics: Processing, Properties, and Applications
Young-Wook Kim | University of Seoul, Korea

Sym 12 Ceramic Matrix Composites: Design, Development, and Applications
Walter Krenkel | University of Bayreuth, Germany

Sym 13 Advanced Ceramic Coatings: Processing, Properties, and Applications
Jun Akedo | National Institute of Advanced Industrial Science and Technology, Japan

Sym 14 Materials for Extreme Environments: Ultrahigh Temperature Ceramics (UHTCs) and Nanolaminated Ternary Ceramics (MAX Phases)
Yanchun Zhou | Aerospace Research Institute of Materials & Processing Technology, China

Sym 15 Joining of Ceramics
Monica Ferraris | Politecnico di Torino, Italy

IV. ELECTRONIC CERAMICS

Sym 16 Ceramic Gas Sensors
Jong-Heun Lee | Korea University, Korea

Sym 17 Magnetic Ceramics and Composites
Sang-Im Yoo | Seoul National University, Korea

Sym 18 Advanced Ferroelectric and Piezoelectric Materials
Yong Soo Cho | Yonsei University, Korea

Sym 19 Oxide Semiconductor and 2D materials
Sang Yeol Lee | Cheongju University, Korea

Sym 20 Emerging Device Applications in Electronic and Semiconducting Ceramics
Chang Kyu Jeong | Chonbuk National University, Korea

V. FUNCTIONAL CERAMICS

Sym 21 Functional Thin Films: Processing, Characterization, and Applications
Soon-Gil Yoon | Chungnam National University, Korea

Sym 22 Photoactive and Catalytic Materials for Solar-driven Water Splitting
Ho Won Jang | Seoul National University, Korea

Sym 23 Advances in Functional Ceramics for Energy Harvesting and Storage and Production of Solar Fuels
Sanjay Mathur | University of Cologne, Germany

VI. ENERGY CERAMICS

Sym 24 Solid Oxide Fuel Cells and Hydrogen Technology
Jong-Ho Lee | Korea Institute of Science and Technology, Korea

Sym 25 Thermoelectrics
Kyu Hyoung Lee | Yonsei University, Korea

Sym 26 Ceramics for Rechargeable Energy Storage
Kisuk Kang | Seoul National University, Korea

Sym 27 Ceramics for Innovative Nuclear Energy Applications
Yutai Katoh | Oak Ridge National Laboratory, USA

Sym 28 Piezoelectric and Triboelectric Energy Harvesting Materials
Sang-Woo Kim | Sungkyunkwan University, Korea

Sym 29 Advanced Materials and Technologies for Perovskite Materials-based Solar Energy Conversion Devices
Hyun Suk Jung | Sungkyunkwan University, Korea

VII. BIOCERAMICS AND OPTICAL CERAMICS

Sym 30 Ceramic for Medical Applications
Roger Narayan | University of North Carolina and North Carolina State University, USA

Sym 31 Crystalline and Amorphous Optical Materials and Photonic Technologies
Yiquan Wu | Alfred University, USA

Sym 32 Structure, Properties and Applications of Glasses
Jong Heo | Pohang University of Science and Technology, Korea

VIII. ARTS AND TRADITIONAL CERAMICS

Sym 33 Pottery, Refractory, Insulators, Jewelry Ceramics and Single Crystals
Hyung-Tae Kim | Korea Institute of Ceramic Engineering and Technology, Korea

ICC8

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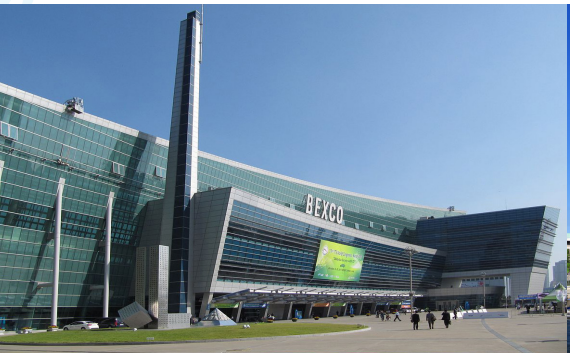
San Diego State University, USA

Dileep Singh
Argonne National Laboratory, USA

Mrityunjay Singh
Ohio Aerospace Institute, USA

The Venue of ICC8, Busan

The venue of ICC8 is Busan, which is the second largest city in Korea. It is a beautiful harbor city and is getting reputation as a world class city for tourism and international conventions with its enjoyable nature and local culture.



The BEXCO has been the main venue for many international events such as the 2005 APEC Summit and Ministerial Meetings, the 2002 FIFA World Cup Final Draw Ceremony in 2001 and the Busan International Motor Show. It is located 30 minutes from Gimhae International Airport and is located in the heart of the Haeundae Beach Resort, one of South Korea's most famous hospitality sites.

Being a Partner of ICC8

Advertise Your Product

- **Exhibition**
  August 24 (Mon) – 26 (Wed), 2020
- **1 Standard Booth**
  3m width × 2m depth × 2.5m height (6 sqm)
- **Participation Fee**
  USD 2,500 | KRW 2,500,000
- **Participation Fee Includes**
  Standard Booth Package
  Directory Entry / Exhibitor Passes
  1 Free Registration per Booth

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Get in touch with the conference secretariat:
secretary@icc8.org

Contact Us

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